

May 9, 1974

CENTRAL DISTRICT OFFICE
P.O. Box 1049
369 East Broad Street
Columbus, Ohio 43216

Franklin County
Columbus
→ Marble Cliff Quarries - South
(Proposed Sanitary Landfill)
Solid Waste

Joseph Harper, Vice President
of Operations
MCQ Industries, Inc.
2100 Tremont Center
Columbus, Ohio 43221



John J. Gilligan
Governor
Dr. Ira L. Whitman
Director

Dear Mr. Harper:

On May 8, 1974, a conference was held in this office concerning the required information needed in preparing the detail plans for a proposed sanitary landfill to be located on the western side of an abandoned quarry which is south of Trabue Road and east of McKinley Avenue as was outlined in my letter dated March 14, 1974.

The final results were obtained from Charles A. Moore, Associate Professor of Civil Engineering, Ohio State University, of findings on permeability of the flume sand to be used for the proposed landfill site. A permeability factor of $k = 1.5 \times 10^{-6}$ cm/sec was obtained. This factor is approximately 1.545 feet per year. The flume sand is satisfactory for use as an underseal and as a side wall seal.

It is recommended that the underseal and side wall seal have a minimum thickness of three feet of which there is a minimum of 100 pounds per cubic feet compaction.

The above standards should satisfy Items 1 and 2 as outlined in my letter dated March 14, 1974.

If you have any questions, please contact me at this office.
(614-466-6450)

Yours truly,

Thomas J. Rusnak
District Engineer

TJR:sh

cc: Don I. Craven, Consulting Engineer
Don Day
Maan Osman
Russ Stein

